

PREMIERTRAK 600/600E

The Powerscreen® Premiertrak 600 range of high performance primary jaw crushing plants are designed for large and medium scale operators in quarrying, demolition, recycling & mining applications. The range includes the Premiertrak 600 & Premiertrak 600E both equipped with the advanced high performance 1200mm x 820mm Terex chamber. Built for the toughest of applications, the robust construction and modern design of the Premiertrak 600 ensures optimum performance, reliability and efficiency.

The Premiertrak 600E comes complete with an on-board diesel generator. The machine can be powered from this, or from an external power supply. There is sufficient excess power available to run a second machine such as a screener. This versatility along with the electrically driven crusher and conveyors makes the Premiertrak 600E highly efficient, economical and environmentally friendly.

Features & Benefits

- Ground level quick set-up with hydraulic folding feed hopper with hydraulic locking system
- Heavy duty wear resistant feed hopper
- Stepped self-cleaning grizzly feeder with under feeder screen
- Wide bypass chute to optimise material flow
- Aggressive crushing action with high swing jaw encouraging material entry into crushing chamber
- Fully hydraulic crusher setting adjustment
- Excellent under crusher access for removal of wire with hydraulic raise lower product conveyor
- Angle adjustable product conveyor, lowers for access & transport
- Low fuel consumption due to highly efficient direct drive system and low engine RPM
- Easily accessed power-unit canopy
- Modern & user-friendly PLC control system with auto start facility
- Remote control via umbilical
- Dust suppression system

Options

- Pre-screen system
- Wire mesh for underscreen (standard)
- Quarry tooth, pyramid tooth or heavy duty fixed jaw plates
- Deflector plate under crusher
- Side conveyor
- Single pole overband magnetic separator
- Twin pole overband magnetic separator
- Belt weigher
- Electric refuelling pump
- Electric urea pump
- Hydraulic water pump
- Radio remote control
- Stockpiler drive (Tier 4 machines only)

Applications

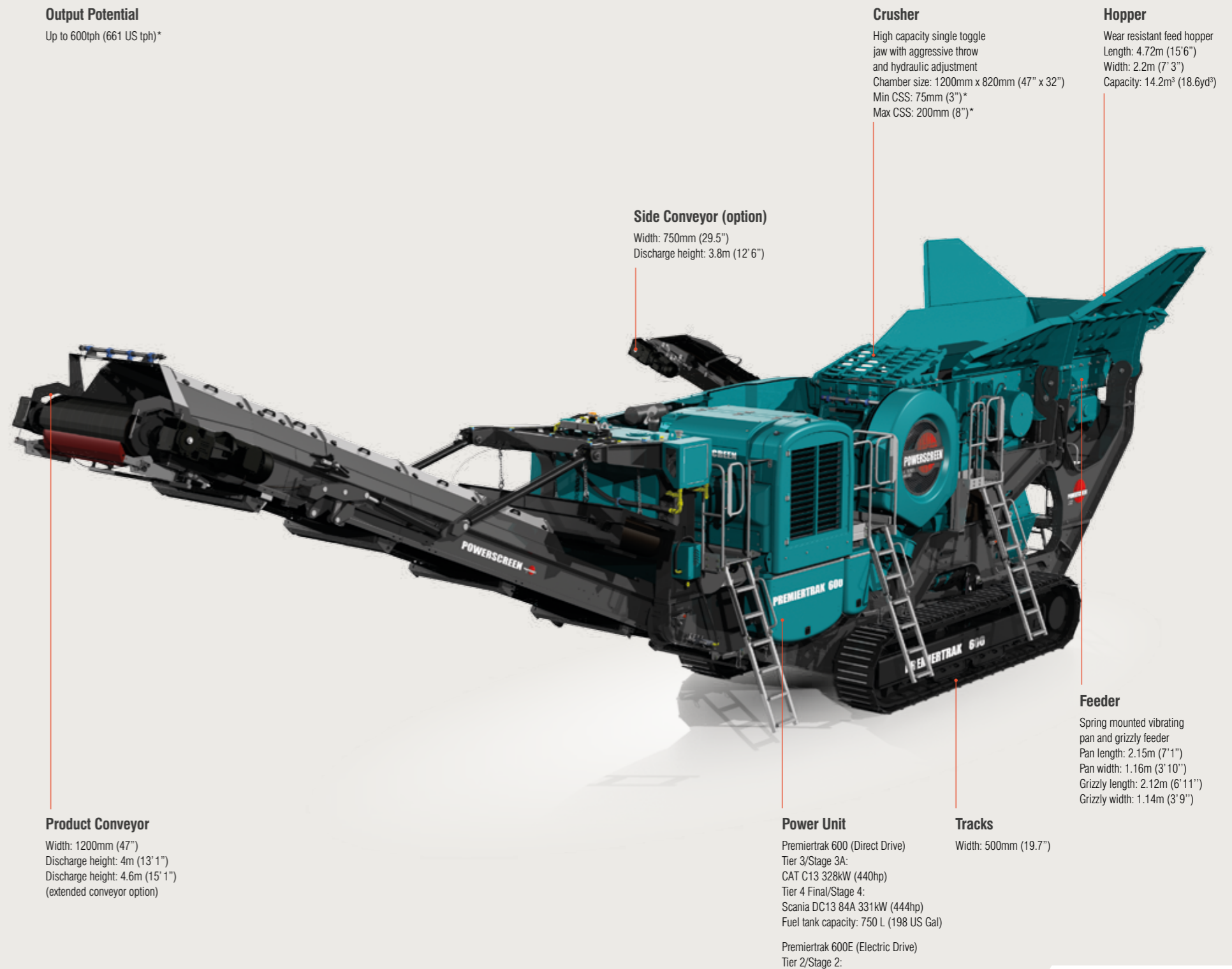
- Sand & gravel
- Blasted rock
- River rock
- C & D waste
- Overburden
- Foundry waste
- Processed ores
- Processed minerals

PREMIERTRAK	600	600E
Weight (est.) with side conveyor & magnet	68,875kg (151,843lbs)	72,725kg (162,535lbs)
Transport width	3m (9' 10")	3.12m (10' 3")
Transport length	17.1m (56' 1")	17.1m (56' 1")
Transport height	3.8m (12' 5")	3.8m (12' 5")
Working width with side conveyor	8.05m (26' 5")	8.09m (26' 7")
Working length	16.63m (54' 7")	16.63m (54' 7")
Working height	4.49m (14' 9")	4.49m (14' 9")



Output Potential

Up to 600tph (661 US tph)*



Crusher

High capacity single toggle jaw with aggressive throw and hydraulic adjustment
 Chamber size: 1200mm x 820mm (47" x 32")
 Min CSS: 75mm (3")*
 Max CSS: 200mm (8")*

Hopper

Wear resistant feed hopper
 Length: 4.72m (15' 6")
 Width: 2.2m (7' 3")
 Capacity: 14.2m³ (18.6yd³)

Side Conveyor (option)

Width: 750mm (29.5")
 Discharge height: 3.8m (12' 6")

Product Conveyor

Width: 1200mm (47")
 Discharge height: 4m (13' 1")
 Discharge height: 4.6m (15' 1") (extended conveyor option)

Power Unit

Premiertrak 600 (Direct Drive)
 Tier 3/Stage 3A: CAT C13 328kW (440hp)
 Tier 4 Final/Stage 4: Scania DC13 84A 331kW (444hp)
 Fuel tank capacity: 750 L (198 US Gal)

Premiertrak 600E (Electric Drive)
 Tier 2/Stage 2: Scania DC13 74A 331kW (444hp)
 Tier 4 Final/Stage 4: Scania DC13 85A 331kW (444hp)
 Fuel tank capacity: 750 L (198 US Gal)

Tracks

Width: 500mm (19.7")

Feeder

Spring mounted vibrating pan and grizzly feeder
 Pan length: 2.15m (7' 1")
 Pan width: 1.16m (3' 10")
 Grizzly length: 2.12m (6' 11")
 Grizzly width: 1.14m (3' 9")

*Depends on application
 Engines are available that are certified to US EPA and EU off road diesel emission standards. Talk to your dealer about possible certification options (i.e. Tier 3/Stage 3A, Tier 4/Stage 3B, Tier 4F / Stage 4).

